Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

OPERATIONS S' 'F ROUTING

FROM: [redacted] DATE: 17 JUN 1963

Sequence	Unit	
3	Chief, Ops Staff	
1	Deputy Chief, OS	
2	Chief, OCB	
	Chief, BB	
	Chief, PAB	
4	[redacted]	

REMARKS:

F.O. received a copy

OPS FILES

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

S-E-C-R-E-T

CWG-BK-29
14 June 1963
Copy 2 of 35

MEMORANDUM FOR: Chairman, COMOR

SUBJECT: BRASS KNOB Coverage of Cuba

1. Attached are the following:
   a. a table showing BRASS KNOB coverage of the COMOR Highest Priority Targets for Cuba during 1 - 12 June.

   b. a table showing BRASS KNOB coverage of all COMOR targets during the same period.

   c. a map showing the locations of the COMOR targets with arrows indicating those not covered during 6 - 12 June.

2. During 6 - 12 June, 8 BRASS KNOB missions were flown, and 79 percent of the total land area of Cuba was covered by photography with 25 percent or less cloud cover. Because of poor weather, 40 of the COMOR targets were not adequately covered during the period, of which 6 were in the highest priority category. Further recommendations for low-level coverage are under consideration by the COMOR.

50X1

Chairman
COMOR Working Group

Group 1
Excluded from automatic down-grading and declassification

S-E-C-R-E-T

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Attachment A to CWG-HK-29

BRASS KNOB Coverage of Highest Priority Targets during 1 - 12 June 1963

SECRET

TARGET	DATES ** 1 2 3 4 ** 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	TOTAL DAYS COVERED
Siguanea Cruise Missile Site	1	1	1
Banes Cruise Missile Site	1	1	1
Santa Cruz del Norte Cruise Site	1 1 1 1 1	6	6
Camilo Cienfuegos Airfield	* 1 1 1 *	3	3
Camaguey Airfield	* 1 1	2	2
Holguin Airfield	*	0	0
San Antonio de los Banos Airfield	1 * * * 2 1 1	5	4
Mariel Naval Base	1 * * 1 * 1 *	3	3
Banes Naval Base	1	1	1
Cienfuegos Naval Base	2 * 1 1 2	6	4
Santiago de Cuba Port	*	0	0
La Isabela Port	1 1 * * * *	2	2
Casilda Port	1 1 1 1 * *	4	4
Matanzas Port	1 * * 2 1 * 1	5	4
Havana Port	1 * * 1 1 1 * 1	5	5
Guantanamo Area		0	0
Pinar del Rio Military Camp	* 1 *	1	1
Artemisa Military Camp	* * 2 1 *	3	2
Holguin Military Camp	1 1 2	4	3
Camaguey Military Camp ***	* 1 1	2	2
Remedios Military Camp	1 1 1 1	4	4
Santiago de las Vegas Military Camp	1 * * 1 * *	2	2
Lourdes (Torrens) Army Camp	* 1 1 1 1	4	4
Limonar Military Camp	1 2 1 1	5	4
[redacted]	*	0	0
Managua Ammo. Storage	* 1 1 1 1 1	5	5
Bejucal Ammo. Storage	1 1 1 2 1 1 1	8	7
[redacted]	* * *	0	0

50X1

50X1

50X1

* A numeral indicates the number of times on the date shown that the entire target area was photographed without significant cloud cover, haze, or image degradation. Partial coverage of the target on that date is indicated by an asterisk. Where there is no number or asterisk, the target may have been overflown but no useable photography was obtained.

** BRASS KNOB missions for 1 and 11 June were cancelled because of bad weather
Numbers under 5 June represent [redacted] missions

50X1

***Added to COMOR List 14 June 63

SECRET

GROUP 1
Excluded from automatic downgrading and declassification

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

BRASS KNOB Coverage of ALL COMOR Targets
During - 1 - 12 June 1963

Attachment B to CWG-BK-29

SECRET

TARGET	DATES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	DAYS COVERED
San Cristobal MRBM No 1	1 1 1 1 1	4	4
San Cristobal MRBM No. 3	1 1 1 1 1	5	5
Guanajay IRBM No. 1	1 1 1 1 2 1 1	8	7
Sagua La Grande MRBM No. 1	1 1 2	4	3
Sagua La Grande MRBM No. 2	1 1 1 1 2	6	5
Remedios IRBM	2 1 1	4	3
San Cristobal MRBM No. 4	1 1 1 1 1 1	5	5
Guanajay IRBM No. 2	1 1 1 1 2	6	5
Tapaste Storage	1 1 1 2 1	6	5
Santa Lucia SAM No. 1	1 1 1	3	3
San Julian SAM	1 1 1 1	4	4
La Coloma SAM	1 1 1	3	3
Mariel SAM	1 1 1 1	4	4
Matanzas SAM	1 1 2 1	5	4
Cienfuegos SAM	2 1 1 2	6	4
Sagua La Grande SAM	1 2	3	2
Caibarien SAM	2 1 2	5	3
Sancti Spiritus SAM	1 2	2	2
Los Angeles SAM	1 2	3	2
Jiguani SAM	2	2	1
Siguanea SAM	1	1	1
Manzanillo SAM	2	2	1
Manati SAM	1	1	1
Chambas SAM	1 2	3	2
Esmeralda SAM	1 1 2	4	3
Santiago de Cuba SAM		0	0
Santiago de Cuba SAM Assembly Area	1	1	1
Deleite SAM No. 1	1 1 1 1 1	5	5
Santiago de los Vegas SAM Area	2 1 1 2 1	7	5
Ciego de Avila SAM	1 1 2	4	3

50X1

GROUP 1
Excluded from automatic downgrading and declassification

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

June 1963

SECRET

TARGET	DATES	TOTAL SORTIES	TOTAL DAYS COVERED
Pinar del Rio SAM Assembly Area	1 1	1	1
Ciego de Avila SAM Assembly Area	1 9 12	3	3
Cifuentes SAM Assembly Area	1 12	2	2
Victoria de las Tunas SAM Area		0	0
Maldonado SAM	12	1	1
Camaguey SAM	9 12	2	2
Holguin SAM	12	1	1
Managua SAM	1 7 8 10	5	4
Majana SAM	1 1 7 8 10	6	5
Siguanea Cruise Missile	8	1	1
Banes Cruise Missile	12	1	1
Santa Cruz del Norte Cruise Missile	1 1 7 8 9 12	6	6
Campo Florida Poss. Cruise Missile	1 1 7 8 9 12	6	6
Guerra Poss. Cruise Missile	1 7 10 12	4	4
Camilo Cienfuegos A/F	6 7 8 9	3	3
Camaguey A/F	9 12	2	2
Holguin A/F		0	0
Los Canos A/F	12	2	1
Preston A/F	12	2	1
Siguanea A/F	8	1	1
Antonio Maceo A/F	12	1	1
Coronel Pascual A/F	2 8 9 12	5	4
San Antonio de los Banos A/F	1 8 9 10	5	4
San Julian A/F	1 1 8	3	3
Jese Marti International A/F	2 1 1 7 8 9 10 12	10	8
Campo Libertad A/F	2 1 1 7 8 9 12	9	7
Playa Baracoa	2 1 1 7 8 9 10 12	10	8
Col. Martin Marrero A/F	8	1	1
Jaime Gonzales A/F	2 6 7 8 9 12	7	5
Bayamo East A/F	12	2	1

50X1

SECRET

GROUP 1
Excluded from automatic downgrading and declassification

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

SECRET

TARGET	DATES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	TOTAL DAYS COVERED
Pinar del Rio A/F	1 1 1 1	4	4
Trinidad A/F	1 1 2 1	5	4
Mariel Naval Base	1 1 1	3	3
Banes Naval Base	1	1	1
Punta Alegre Port	1 1 2	4	3
Baracoa Port		0	0
Cienfuegos Naval Base	2 1 1 1 2	7	5
Manzanillo Port	2	2	1
Moa Port		0	0
Santiago de Cuba Naval Base		0	0
Nuevitas Port	2	2	1
Nueva Gerona Naval Port	1 1	2	2
La Isabela Port	1 1 1	3	3
Caibarien Port	2 1 2	5	3
Cardenas Port	2 1 1 1	5	4
Casilda Port	1 1 1 1	4	4
Jucaro Port	1 1 2	4	3
Santa Lucia Port	1 1 1 1	4	4
Matanzas Port	1 2 1 1	5	4
Surgidero de Batabano Naval Port	2 1 1 2 1 1	8	6
Havana Naval Base	1 1 1 1 1	5	5
La Coloma Port	1 1 1 1	4	4
Cabanas Port	1 1 1 2 1	6	5
Bahia Honda Port	1 1 1 2 1	6	5
Puerto Padre Port Facility	1	1	1
Havana Commo. Site	2 1 1 1 2 1	8	6
Guantanamo Area		0	0
Manzanillo Military Camp		0	0
Pinar del Rio Mil. Installation	1	1	1
San Antonio de los Banos Mil. Stor.	1 1	2	2

50X1

SECRET

GROUP 1
Excluded from automatic downgrading and declassification

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

June 1963

SECRET

TARGET	DATES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	TOTAL DAYS COVERED
Artemisa Army Camp	2 1	3	2
La Boca Military Camp	1 1 1 1 2 1 1	8	7
Bahia Honda Military Camp	1 1 1 1 1	5	5
Mariel Military Camp (	1 1	2	2
Holguin Military Camp	1 1 2	4	3
Camaguey Military Camp	1 1	2	2
Ofelia Military Camp		0	0
El Jucaro Military Camp	1	1	1
Remedios Military Camp	1 1 1 1	4	4
Alto Cedro Military Camp	1	1	1
	1 1 1 1 1	5	5
	2 1 1 1 1 1	7	6
Santiago de las Vegas Barr. BN 114	1 1	2	2
San Jose de las Lajas Mil. Camp	2 1 1 2 1 1	8	6
Torrens (Lourdes) Army Camp	1 1 1	3	3
Santa Clara Military Activity	1 1 1 1	4	4
Managua Military POL Storage	1 2 1	4	3
Limonar Military Camp	1 2 1 1	5	4
Camaguey Military Training Camp	1 1	2	2
San German DPO Caridad Finca	2	2	1
Largas Troop Concentration	1	1	1
Managua Military Inst.	2 1 2 1 1 1	8	6
El Cristo Military Area	1	1	1
Santa Fe (Isla De Pinos) Mil. Area		0	0
Cayo Largo Island Military Area		0	0
Nazareno Military Area	2 1 1 1	5	4
Campo Florida Military Camp	1 1 1 1 1	5	5
Bajuravabo Military Area	1 1 1 2 1	6	5
Guanabacoa Military Area	2 1 1 2 1 1	8	6
Mestanza Explosive Storage Site	1 1 1	3	3

50X1

50X1

GROUP 1
Excluded from automatic

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

TARGET	DATES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	TOTAL DAYS COVERED
Loma de Tierra Military Area	2 1 1 2 1 1 1	9	7
Havana Area Military Camp	2 1 1 2 1 1	8	6
Las Mercedes Military Camp	2	2	1
Guane Military Camp	1	1	1
Zaragoza Area Military Camp***		0	0
Holguin Military Area ***		0	0
Holguin Military Area ***	1	1	1
San Jose de las Lajas Storage ***		0	0
La Jutia Military Installation ***		0	0
El Criollo Military Camp ***		0	0
Minas Area Military Camp ***		0	0
Camp Cantel (Cardenas) Mil. Area ***		0	0
Havana Vehicle Park ***		0	0
Lomas de Tetas de Managua Tank Park ***		0	0
Trinidad Possible Military Hdqs.***		0	0
Guanajay Area(Martin Mesa) Mil.Camp ***		0	0
Alta Gracia Military Area ***		0	0
Guanabana Area Military Activity ***		0	0
Limonar Tank Training Area ***		0	0
San Diego de Nunez ***		0	0
Buena Vista ***		0	0
Cienfuegos (Anton Recio)Tank Park***		0	0
Matanzas (SE) ***		0	0
Ceiba Mocha Military Area ***		0	0
Hogar Del Nino Military Area ***		0	0
Pinar Del Rio(City)Poss.Mil.Area NE ***		0	0
Consolacion Del Sur Military Hdqs.***		0	0
Minas (Camaguey) ***		0	0
Special Area Alpha	2 1 1 2 1	7	5
Special Area Hotel	1 1 1 1 2 1 1	8	7

50X1

GROUP 1
Excluded from automatic downgrading and declassification

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

June 1963

SECRET

TARGET	DATES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL SORTIES	TOTAL DAYS COVERED
Special Area Bravo Blue	1 1 2 1 1	6	5
Special Area Bravo Red	2 1 1 2 1	7	5
Special Area Victor	2 1 1 1 2 1 1 1	10	8
Special Area Tango	1 1 1 1 2 1 1	8	7
Landing Beach (Siboney)	1	1	1
Landing Beach (Playa Yateritos)		0	0
Landing Beach (Tarara)	1 1 1 2 1 1 1	8	7
Matanzas Landing Beach	1 1 1 2 1 1 1	8	7
Peninsula de Hicaros Landing Beach	1 2 1 1	5	4
Cienfuegos Landing Beach	2 1 1 1 2	7	5
Mar Verde Beach	1	1	1
Ensenada Colorado Beach	2 1 1 1 2	7	5
Playa Colombo Landing Beach	1	1	1
Playa Flamencos Landing Beach	1	1	1
Nicaro Beach	2	2	1
[redacted]		0	0
	1 1 1 2 1 1	7	6
Managua Ammo. Storage	1 1 1 1 1	5	5
Bejucal Ammo. Storage	1 1 1 2 1 1 1	8	7
Bara Jagua Storage (La Rosita Area)	1 1 1 1	4	4
	2	2	1
	1	1	1
	1 1 2 1 1	6	5
	1 1 1	3	3
	2	2	1
	1	1	1
	1 1 1 1 1	5	5
	1	1	1
	1 2	3	2
	2	2	1

50X1

50X1

50X1

SECRET

GROUP 1
Excluded from automatic

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

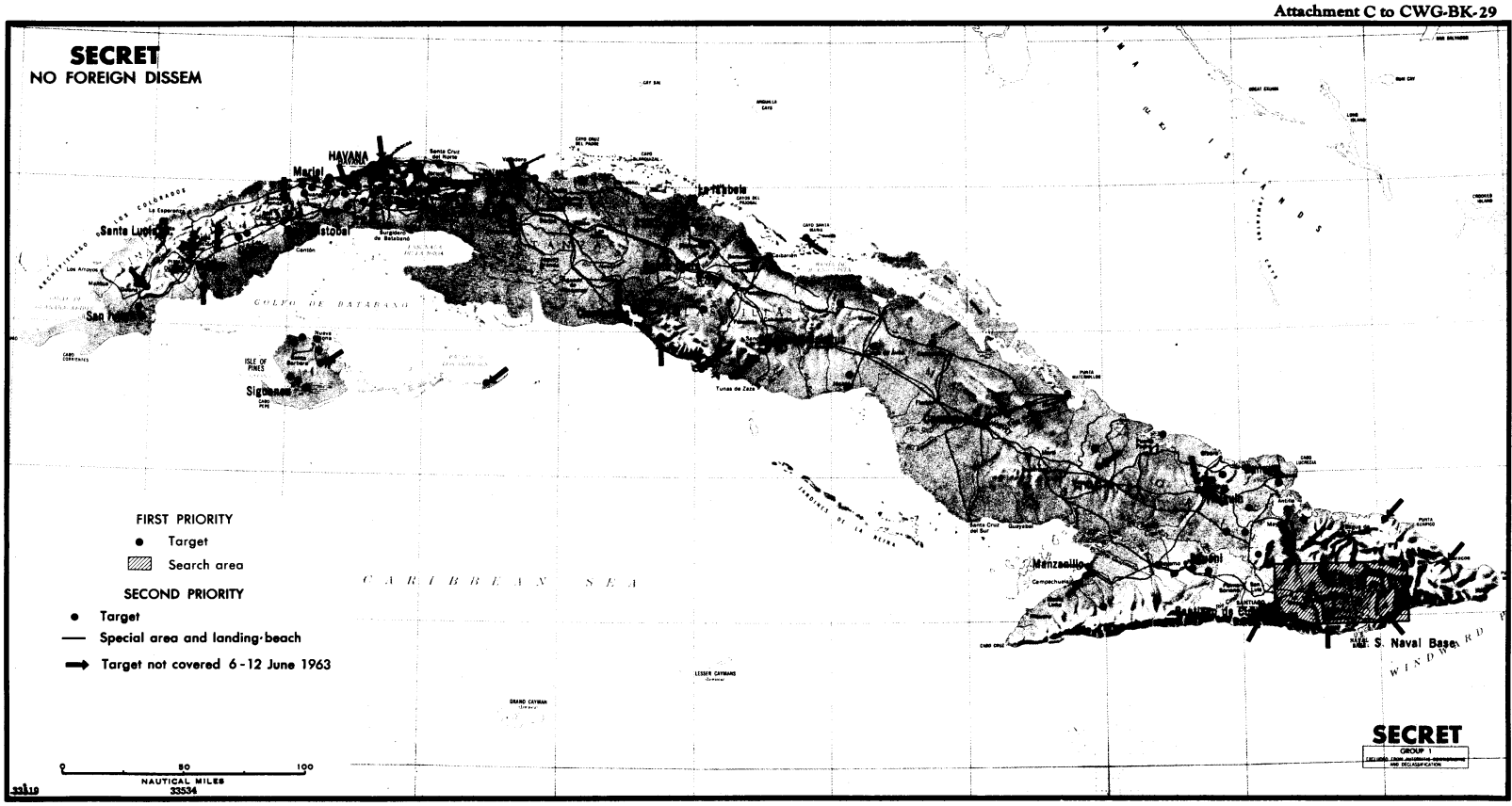
50X1
Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Page Denied

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2

Attachment C to CWG-BK-29



Declassified in Part - Sanitized Copy Approved for Release 2014/05/01 : CIA-RDP78B05167A000800110012-2